



# KENDRIYA VIDYALAYA

## THIRUVANNAMALAI

### SUMMER VACATION HOLIDAY HOME WORK

CLASS III TO XII

2023-2024

केन्द्रीय विद्यालय संगठन

Dr. (Smt.) REEMA STELLA JAYACHANDRAN  
PRINCIPAL

डॉ (श्रीमती) रीमा स्टेला जयचंद्रन  
प्राचाया



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CLASS III

ENGLISH

- 1) Write five sentences about your pet. [A4 sheet]
- 2) Draw any five objects and write three sentences on each object in chart.
- 3) Learn and write 25 naming words (Noun) and 25 action words (Verb) with picture in chart.
- 4) Learn and write daily 5 new words (6 letter words or 7 letter words) from your text book. [A4 sheet]

विषय: हिन्दी

1. हिन्दी पाठ्यपुस्तक पहिए ि 25 कहिन शब्द लिखिए।
2. सप्ताि के हदनों के नाम लिखिए।
3. कक्षा पाठ्यपुस्तक में िर मात्रा के पाँच शब्द लिखिए।
4. कोई भी एक चार्ट बनाओ। ( चचत्र सहित )

Topic 1. वििोम शब्द

2. िचन बदिो
3. लिग बदिो
4. रिगों के नाम

NOTE: Do the home work 1,2,3 in A4 sheet and 4 in chart .

MATHS

1. Learn and write tables 2- 10.
2. Write numbers from 501 to 600 in figures and words.
3. Find out any five items in your home, which don't have symmetrical shape . Draw their pictures .
4. Write the names of your family members in capital letters. Count and write letters in their names , which don't have mirror half lines.
5. Observe different rupees note [ 10, 20, 50] and write the following details
  - a. Number of languages
  - b. Identify pictures and symbols given

NOTE: Do the home work in A4 sheet

EVS

1. Write a slogan about water.



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**CLASS IV**

**ENGLISH**

- Write 20 pages handwriting .
- Read one page from your English textbook daily and identify the new words and try to find their meanings.
- Make a tree cutout and write the uses of trees.

**HINDI**

- Write 20 pages handwriting.
- Read a paragraph daily and write the new words.
- Write 10 nouns and 10 verbs.

**MATHS**

- Make a model of a clock.
- Learn and write tables from 2 to 12.
- Draw 2 wall and floor brick pattern.

**EVS**

- Draw or paste pictures of 5 egg laying animals and 5 animals which give birth to young ones.
- Write 10 facts about Elephants.
- Locate the following states in the map and write it's capital.
  - I. Kerala
  - II. Rajasthan
  - III. Gujarat
  - IV. Uttarakhand
  - V. Assam



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CLASS V

**ENGLISH**

1. Make a list of 10 describing words and write their opposite also. For example Big – small. 2. Make a list of summer activities on A4 sheet and paste the pictures related to it.
3. Write 10 pages of neat and clean handwriting.
4. Read one page from your English textbook daily and identify the difficult words and try to find their meanings.

**HINDI**

- 1) प्रतिदिन एक पेज़ सुलेख ललखखए दिनांक सददि ।
- 2) प्रतिदिन 5 कदिन शब्िों को ललखखए िथा पिन ।
- 3) भारि में मनाये जाने वाले ववलभन्न त्योिारों की सूची बनाइए , साथ िी साथ उस प्रिश का भी नाम ललखखए।

**MATHS**

1. Learn and write tables from 2 to 15 upto bottom 16
2. Do 5 sums of addition, subtraction, multiplication and division 3. Draw different types of shapes with the help of matchsticks 4. Write Indian and International place value system.

**EVS**

1. Make a poster on SAVE ANIMALS 2. write 5 facts about TIGER
3. Locate the following states in the map and write its capital  
Bihar, Goa, Gujarat, Haryana, Karnataka, Kerala, Maharashtra, Tamil Nadu, Punjab, Andhra Pradesh

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CLASS VI

ENGLISH

1. write a letter to your friend for inviting him on the marriage ceremony of your brother.
2. write a summary of the lesson three questions.

HINDI

- प्रश्न 1. भारत देश के विभिन्न प्रांतों को वेशभूषा के चित्र एक करके चार्ट पर चिपका
- प्रश्न 2. शिक्षा विषय पर प 4 सीट पर दो स्लोगन लिखिए प्रश्न 3. विभिन्न योगों के लाभ का वर्णन और उनके चित्र उत्तर पुस्तिका में चिपकाए।
- विषय पर (150 शब्दों में) अपने विचार लिखिए
- प्रश्न 3. स्वर और व्यंजन में अंतर बताते हुए उनके भेदों को परिभाषा सहित लिखिए।

SANSKRIT

शब्दपरिचयविषये संस्कृते १० वाक्यं कुरुत

Make a 10 sentence in Sanskrit "शब्द परिचय"(पुंलिङ्गः, स्त्रीलिङ्गः, नपुंसकलिङ्ग शब्द)

MATHEMATICS

- Write any five mobile number of your relatives or friends . Find the following answers.
- 1) write the numbers in ascending order.
  - 2) write the numbers in descending order.
  - 3) write the each number(with commas) and number name in indian place value system.
  - 4) write the each number(with commas) and number name in international place value system.
  - 5) write the expanded form of each number.
  - 6) add the five numbers. Find the answer.
  - 7) make the period and place value chart of indian system of numeration.
  - 8) make the period and place value chart of international system of numeration.

**SCIENCE** 1. Prepare a diet chart to provide balance diet to your friend. The diet chart should include food items that are commonly available in your area and are not expensive.

**SOCIAL SCIENCE**

Draw the picture of the Solar system



CLASS VII

**English**

1. write a letter to your friend for inviting him on the marriage ceremony of your brother.
2. write a summary of the lesson three questions.

**Subject - Hindi**

- प्रश्न 1. भारत देश के विभिन्न प्रांतों को वेशभूषा के चित्र एक करके चार्ट पर चिपका
- प्रश्न 2. अनुनासिक युक्त दस शब्द लिखिए।
- प्रश्न 3. भविष्य के निर्माण में हमें अतीत में जीना चाहिए या वर्तमान में इस विषय पर दो मित्रों के बीच संवाद लिखिए।
- प्रश्न 4. गर्मियों की छुट्टियों में आप किसी पर्वतीय स्थल पर घूमने गए थे। उस पर्वतीय स्थल का वर्णन करते हुए अपने मित्र को पत्र लिखिए।
- प्रश्न 5. स्वर और व्यंजन में अंतर बताते हुए उनके भेदों को परिभाषा सहित लिखिए।
- प्रश्न 6. हमारे देश में कितने राज्य हैं? उनके और उनकी राजधानियों के नाम सहित एक चार्ट तैयार करते हुए अपने मित्र को पत्र लिखिए।

**Subject - संस्कृतम्**

हिन्दीभाषायां १० वाक्यं लिखित्वा करकं प्रथमं ३ शब्दान् चिह्नितव्यम्

write a 10 sentence in hindi and mark the karak first 3 words

**Subject - Science**

1. Draw the diagram of human digestive system.
2. Draw the diagram of Photosynthesis explain and Draw the diagram of insectivorous?
3. Define photo Photosynthesis?
4. Explain mode of nutrients?

**Subject -SOCIAL STUDIES**

Chapter:2

Inside our Earth-

Draw and mark the parts of Interior of the earth.



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**MATHS**

1. Write and learn the Squares and Cubes of numbers from 1 to 15.
2. Evaluate:  $[4/5 - 1/9] + 12/15$ .
3. The product of two rational number is -4 if one of the numbers is  $-11/4$ . What is the other number.
4. Draw  $-8/5$  on number line.
5. Practice all the examples given in chapter 1 & 2.
6. Learn and write multiple table from 2 to 20.
7. Try to solve the questions given under heading " TRY THESE " in textbook.
8. Find the perimeter of a rectangle whose length is 25 cm and breadth is 18 cm.
9. Write frequency of all the numbers in the following data.  
8, 5, 8, 5, 3, 4, 7, 9, 7, 4, 3, 5, 3, 6, 4, 8
10. Find the number of lines of symmetry of a circle.
11. What will be the number of faces if there are 6 vertices and 12 edges?
12.  $\Delta ABC$  is right angled at B.  $AB = 3$  cm and  $BC = 4$  cm. Then, length of AC will be  
a) 25 cm b) 5 cm c) 7 cm d) 6 cm 6.
13. Find the area of a square whose side is 6 cm.
14. A survey shows the ages of 10 teachers of a school as 32,41,26,54,33,38,40,59,43,29. What is the age of the youngest teacher?
15. A kennel can accommodate 10 dogs that weigh (in pounds) 14, 23, 17, 19, 27, 7, 33, 24, 11 and 13. Find the range of their weights.
16. Draw a line, say PQ, take a point R outside it. Through R, draw a line parallel to PQ using ruler and compasses only.
17. A rectangular park is 25 m long and 15 m wide. A path 3 m is constructed outside the park. Find the area of the path.
18. Find the number of line of symmetry for regular pentagon.

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CLASS VIII

**English**

Essay writing on "How I felt opening presents, eating delicious food, and spending time with family and friends on festival"

**Hindi**

प्रश्न 1. आज हमारा देश किन-किन समस्याओं से जूझ रहा है इनमें से किसी एक समस्या का कार्टून बनाकर मॉडल तैयार कीजिए।

प्रश्न 2. हिमालय पर्वत कौन-कौन से देशों से हमारे देश की रक्षा करता है? इसके विषय में जानकारी प्राप्त कोलाज तैयार कीजिए।

**Sanskrit**

हिन्दीभाषायां १० वाक्यं लिखित्वा करकं प्रथमं ३ शब्दान् चिह्नितव्यम्

write a 10 sentence in hindi and mark the karak first 3 words

**Maths**

1. Find 10 rational numbers  $\frac{2}{3}$  and 1.
2. Which rational numbers have a absolute less than 6.
3. Represent  $\frac{8}{5}$  on the number line.
4. Learn the Squares and Cubes of numbers from 1 to 20.
5. Look at the calendar of the current month. Find out which dates are Square numbers and which dates are Cube numbers.

\*Now find the Square – roots and Cube – roots of these dates.

\*Find if your birth-date is Square number or Cube-number.

6. Multiple table 2 to 16.  
Write.

Read &

7. Division:

$$a = \frac{3}{2}$$

$$b = -\frac{4}{5}$$

$$c = -\frac{1}{2}$$

LHS = RHS ? Check by Associative

$$a \div [b \div c] = [a \div b] \div c?$$

8. Find the rational numbers between  $\frac{4}{5}$  and  $\frac{1}{2}$  (ii)  $-\frac{3}{2}$  and  $\frac{5}{3}$ .

(i)  $\frac{2}{3}$

**Science**

1. Write the name of kharif crops and Rabi crops and collect the pictures and label it.
2. What is irrigation? Describe two methods of irrigation which conserve water

**Social studies**

Answer the following questions

1. Why do we call History our past ?





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2. What attracted European trading companies to India ?
3. Why does a Democratic country need a constitution ?

CLASS IX

**Subject: हिंदी**

१. तिब्बत के लोगों की जीवन शैली के बारे में लिखिए।
२. लेखक प्रेमचंद के बारे में सारांश

**English:**

1. Why is a grandmother important in our life.
2. The things I admire the most about my grandmother..

Read your favourite story book and answer to the following questions

1. what was your favourite part of the book?
2. which scene has stuck with you the Most?
3. Who was your favourite character?
4. Why do you think the author wrote this book ?
5. why did you select this book?
6. If you could change one thing in the book, what would it be?

**Sanskrit:**

शब्दपरिचयविषये संस्कृते १० वाक्यं कुरुत

Make a 10 sentence in Sanskrit "शब्द परिचय" (पुंलिङ्गः, स्त्रीलिङ्गः, नपुंसकलिङ्ग शब्द)

**Maths:**

1. Write Squares and Cubes of the number 1- 50.

**SCIENCE**

1. Make a comparison and write down ways in which plant cells are different from animal cells.
2. Draw a plant cell and animal cell and label it neatly.
3. Give three Equation of Motion
4. Difference between uniform and Non-Uniform Motion
5. Explain the three states of matter and draw the picture of three states

**S.S:**

1. What was the Jacobin club
2. Why does India use the standard meridian?

What is the standard meridian for India.



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3. Elaborate the French society structure in the 18 th century

**CLASS X**

**Maths**

1. Write Squares and Cubes of the number 1- 50.

**Social**

1. What are Resource ? Write down the classification of resources thoroughly.

2. What is the difference between 'khadar and bhengar soil'

3. What is soil erosion ? Explain the major type of soil erosion prevailing in India

**Science** 1.Explain autotrophic and heterotrophic nutrition mode with example?

2.Draw the ray diagram of concave mirror and explain position ,size, nature for 6 cases?

3. Explain different types of chemical reaction?

**English**

1. Natural disasters are man made barriers created by human beings. Write an article about it in 125-150 words.

2. You are requested to collect weather reports for any 5 days in 125-150 words.

3. Read one novel and write a review in 100 words.

**Hindi**

हिंदी:

१.आज की युवा पीढ़ी और नैतिक मूल्य विषय पर लगभग 120 शब्दों में अनुच्छेद लिखिए

प्रश्न २. समास के प्रत्येक भेद के दस-दस उदाहरण दीजिए।

प्रश्न

प्रश्न ३.. भक्तिकाल के किन्हीं पांच कवियों के जीवन पर आधारित परियोजना कार्य तैयार कीजिए।

**Sanskrit**

शब्दपरिचयविषये संस्कृते १० वाक्यं कुरुत

Make a 10 sentence in Sanskrit "शब्द परिचय"(पुंल्लिङ्गः,स्त्रीलिङ्गः,नपुंसकलिङ्ग शब्द)



**CLASS XII**

**ENGLISH**

1. Working in hazardous industries injurious to health. You may collect information about different type of labourers working in such industries in 150-200
2. You requested to collect poor weather report for 5 – days. The report should be prepared in 125-150 words
3. Work on text book back questions of the chapter “MY MOTHER AT 66” and THE LAST LESSON

**Maths :**

1. Write Integration and Differentiation Formulas.

**PHYSICS**

- Define: Gauss law and explain various applications
2. Derive and expression for electric dipole of an equatorial plane
  3. Define coulomb' law and give SI unit
  4. Define electric flux
  5. What are the properties of electric field lines

**CHEMISTRY**

1. Raoult's law and ideal & Non ideal solution
2. Henry's law and its application
3. Osmosis and Reverse osmosis
4. Molarity and Molality (Numerical)
5. Van't Hoff factor

**Biology:**

1. What is pollination? Write the types of pollination briefly.
2. Define the following headings:
  1. Emasculation
  2. False fruit
  3. Fertilization
  4. Double fertilization
  5. polyembryony

**हिंदी:**

1. मासिक परीक्षा प्रश्न पत्र का उत्तर लिखें।
2. सभी निबंधों और कवियों के नाम लेखकों के साथ लिखें



## COMPUTER SCIENCE

### ➤ Working with functions

1. Write a python program using a function to print factorial number series from n to m numbers.
2. Write a python program to accept the username "Admin" as the default argument and password 123 entered by the user to allow login into the system.
3. Write a python program to demonstrate the concept of variable length argument to calculate the product and power of the first 10 numbers.

### ➤ Data File handling

4. Create a text file "intro.txt" in python and ask the user to write a single line of text by user input.
5. Write a program to count a total number of lines and count the total number of lines starting with 'A', 'B', and 'C' from the file dfh.txt.
6. Write a program to replace all spaces from text with - (dash) from the file intro.txt.
7. Write a program to know the cursor position and print the text according to the below-given specifications:
  - ❖ Print the initial position
  - ❖ Move the cursor to 4th position
  - ❖ Display next 5 characters
  - ❖ Move the cursor to the next 10 characters
  - ❖ Print the current cursor position
  - ❖ Print next 10 characters from the current cursor position
8. Write a program to store customer data into a binary file cust.dat using a dictionary and print them on screen after reading them. The customer data contains ID as key, and name, city as values.
9. Write a program to update a record from student.dat file by its rollNo. Display the updated record on screen.
10. Write a program to write data into binary file marks.dat and display the records of students who scored more than 95 marks.
11. Read a CSV file top5.csv and print the contents in a proper format. The data for top5.csv file are as following:

SNo	Batsman	Team	Runs	Highest
1	K L Rahul	KXI	670	132*
2	S Dhawan	DC	618	106*
3	David Warner	SRH	548	85*
4	Shreyas Iyer	DC	519	88*
5	Ishan Kishan	MI	516	99

12. Read a CSV file top5.csv and print them with tab delimiter. Ignore first row header to print in tabular form.
13. Read a CSV file students.csv and print them with tab delimiter. Ignore first row header to print in tabular form.



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Field 1	Data Type
StudentID	Integer
StudentName	String
Score	Integer

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